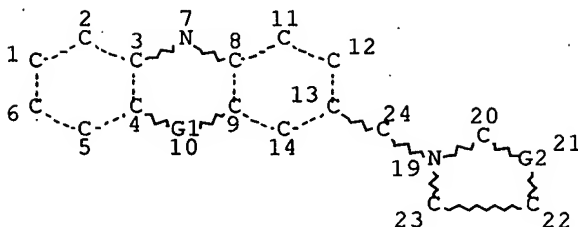
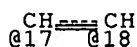
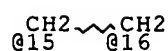


L1 STR



VAR G1=15-4 16-9/17-4 18-9

VAR G2=CH/N

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE

L2 145 SEA FILE=REGISTRY SSS FUL L1

FILE 'REGISTRY' ENTERED AT 16:13:08 ON 24 APR 2007
ACT RAEC1/A

L1 STR
L2 145 SEA SSS FUL L1

FILE 'REGISTRY' ENTERED AT 16:13:42 ON 24 APR 2007
D QUE STAT

FILE 'HCAPLUS' ENTERED AT 16:13:42 ON 24 APR 2007

L3 25 SEA ABB=ON PLU=ON L2
DEL SEL Y

L4 20 SEA ABB=ON PLU=ON L3 AND PATENT/DT

L5 8 SEA ABB=ON PLU=ON L4 AND (PY<2002 OR AY<2002 OR PRY<2002)

L6 5 SEA ABB=ON PLU=ON L3 NOT L4

L7 4 SEA ABB=ON PLU=ON L6 AND PY<2002

L8 12 SEA ABB=ON PLU=ON L5 OR L7

L9 1 SEA ABB=ON PLU=ON L3 AND (?ASTHMA? OR BRONCHODILAT? OR
BRONCH?(3A)DILAT? OR ALLERG?(3A)INHIBIT?)
E BRONCHODILATORS+ALL/CT

L10 6552 SEA ABB=ON PLU=ON BRONCHODILATORS+OLD/CT
E ASTHMA+ALL/CT

L11 23110 SEA ABB=ON PLU=ON ASTHMA/CT
E ANTI-ASTHMATICS+ALL/CT

L12 12321 SEA ABB=ON PLU=ON ANTI-ASTHMATICS+OLD/CT
E ALLERGY INHIBITORS+ALL/CT

L13 10622 SEA ABB=ON PLU=ON "ALLERGY INHIBITORS"/CT

L14 1 SEA ABB=ON PLU=ON L3 AND (L10 OR L11 OR L12 OR L13)
SEL HIT L8 1-12 RN
D L8 1-12 IBIB ABS HITSTR

L15 1 SEA ABB=ON PLU=ON L9 OR L14

D

FILE 'CAOLD' ENTERED AT 16:21:04 ON 24 APR 2007

L16 0 SEA ABB=ON PLU=ON L2

FILE 'MEDLINE, BIOSIS, EMBASE' ENTERED AT 16:21:15 ON 24 APR 2007

L17 1 SEA ABB=ON PLU=ON L2
D IBIB ABSFILE 'HCAPLUS, MEDLINE, BIOSIS, EMBASE, WPIX, JAPIO, PASCAL, DISSABS'
ENTERED AT 16:22:07 ON 24 APR 2007

L18 547 SEA ABB=ON PLU=ON ("SAKI M"? OR "MAYUMI S"?)/AU
 L19 3115 SEA ABB=ON PLU=ON ("NONAKA H"? OR "HIROMI N"?)/AU
 L20 2343 SEA ABB=ON PLU=ON ("MIYAJI H"? OR "HIROMASA M"?)/AU
 L21 211 SEA ABB=ON PLU=ON ("HIURA N"? OR "NAOKO H"?)/AU
 L22 2413 SEA ABB=ON PLU=ON ("MANABE H"? OR "HARUHIKO M"?)/AU
 L23 13228 SEA ABB=ON PLU=ON ("MATSUMURA T"? OR "TSOTOMU M"?)/AU
 L24 17575 SEA ABB=ON PLU=ON ("ARAI H"? OR "HITOSHI A"?)/AU
 L25 40342 SEA ABB=ON PLU=ON ("SASAKI K"? OR "KATSUTOSHI S"?)/AU
 L26 14 SEA ABB=ON PLU=ON ("KOBATAKE C"? OR "CJOEI K"?)/AU
 L27 11759 SEA ABB=ON PLU=ON ("IIDA K"? OR "KYOICHIRO I"?)/AU
 L28 698 SEA ABB=ON PLU=ON ("KUBOYAMA T"? OR "TAKESHI K"?)/AU
 L29 2 SEA ABB=ON PLU=ON L18 AND L19 AND L20 AND L21 AND L22
 AND L23 AND L24 AND L25 AND L26 AND L27 AND L28
 L30 22 SEA ABB=ON PLU=ON L18 AND ((L19 OR L20 OR L21 OR L22 OR
 L23 OR L24 OR L25 OR L26 OR L27 OR L28))
 L31 26 SEA ABB=ON PLU=ON L19 AND ((L20 OR L21 OR L22 OR L23 OR
 L24 OR L25 OR L26 OR L27 OR L28))
 L32 26 SEA ABB=ON PLU=ON L20 AND ((L21 OR L22 OR L23 OR L24 OR
 L25 OR L26 OR L27 OR L28))
 L33 9 SEA ABB=ON PLU=ON L21 AND ((L22 OR L23 OR L24 OR L25 OR
 L26 OR L27 OR L28))
 L34 28 SEA ABB=ON PLU=ON L22 AND ((L23 OR L24 OR L25 OR L26 OR
 L27 OR L28))
 L35 21 SEA ABB=ON PLU=ON L23 AND ((L24 OR L25 OR L26 OR L27 OR
 L28))
 L36 96 SEA ABB=ON PLU=ON L24 AND ((L25 OR L26 OR L27 OR L28))
 L37 23 SEA ABB=ON PLU=ON L25 AND ((L26 OR L27 OR L28))
 L38 4 SEA ABB=ON PLU=ON L26 AND (L27 OR L28)
 L39 8 SEA ABB=ON PLU=ON L27 AND L28
 L40 347 SEA ABB=ON PLU=ON ((L18 OR L19 OR L20 OR L21 OR L22 OR
 L23 OR L24 OR L25 OR L26 OR L27 OR L28) OR (L30 OR L31 OR
 L32) OR (L34 OR L35 OR L36 OR L37)) AND (?ASTHMA? OR
 BRONCHODILAT? OR BRONCH?(3A) DILAT? OR ALLERG?(3A)
 INHIBIT?)
 L41 145 SEA ABB=ON PLU=ON ((L18 OR L19 OR L20 OR L21 OR L22 OR
 L23 OR L24 OR L25 OR L26 OR L27 OR L28) OR (L30 OR L31 OR
 L32) OR (L34 OR L35 OR L36 OR L37)) AND (L10 OR L11 OR L12
 OR L13)
 L42 57 SEA ABB=ON PLU=ON L41 AND (USES OR PAC OR THU)/RL
 L43 12 SEA ABB=ON PLU=ON L42 AND DRUG DELIVERY SYSTEMS+OLD/CT
 L44 194 SEA ABB=ON PLU=ON L40 AND (THERAP? OR PREVENT? OR
 TREAT?)
 L45 75 SEA ABB=ON PLU=ON L44 AND (DRUG(3A) DELIVER? OR ADMIN?)
 L46 9 SEA ABB=ON PLU=ON L45 AND ANTIBOD?
 L47 29 SEA ABB=ON PLU=ON L29 OR L33 OR L38 OR L39 OR L43 OR L46
 L48 24 DUP REM L47 (5 DUPLICATES REMOVED)
 D 1-24 IBIB ABS

FILE 'HOME' ENTERED AT 16:39:06 ON 24 APR 2007

D QUE L2

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 APR 2007 HIGHEST RN 931834-80-9
DICTIONARY FILE UPDATES: 22 APR 2007 HIGHEST RN 931834-80-9

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<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE HCAPLUS

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FILE COVERS 1907 - 24 Apr 2007 VOL 146 ISS 18
FILE LAST UPDATED: 23 Apr 2007 (20070423/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE CAOLD

FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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FILE MEDLINE

FILE LAST UPDATED: 21 Apr 2007 (20070421/UP). FILE COVERS 1950 TO DA

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 18 April 2007 (20070418/ED)

FILE EMBASE

FILE COVERS 1974 TO 24 Apr 2007 (20070424/ED)

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE WPIX

FILE LAST UPDATED: 17 APR 2007 <20070417/UP>
MOST RECENT THOMSON SCIENTIFIC UPDATE: 200725 <200725/DW>
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>>> New reloaded DWPI Learn File (LWPI) available as well <<<

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SEE ONLINE NEWS and

[http://www.stn-international.de/archive/stn_online_news/fraghitstr ex.](http://www.stn-international.de/archive/stn_online_news/fraghitstr_ex)

>>> IPC Reform backfile reclassification has been loaded to 31 Decembe 2006. No update date (UP) has been created for the reclassified documents, but they can be identified by 20060101/UPIC and 20061231/UPIC. <<<

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<http://scientific.thomson.com/support/patents/coverage/latestupdates/>

PLEASE BE AWARE OF THE NEW IPC REFORM IN 2006, SEE

http://www.stn-international.de/stndatabases/details/ipc_reform.html a

<http://scientific.thomson.com/media/scpdf/ipcrdwpf.pdf>

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FILE JAPIO

FILE LAST UPDATED: 2 APR 2007 <20070402/UP>

10/525326

FILE COVERS APRIL 1973 TO DECEMBER 28, 2006

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FILE PASCAL

FILE LAST UPDATED: 23 APR 2007 <20070423/UP>

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FILE HOME